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 4 <110> APPLICANT: Sakagami, Yoji
 5        Matsubayashi, Yoshikatsu
 6        Yang, Heping
 8 <120> TITLE OF INVENTION: Precursor Polypeptide of Phytosulfokine Derived from
 9        Arabidopsis Thaliana and a Gene Encoding said Polypeptide
11 <130> FILE REFERENCE: 026350-071
13 <140> CURRENT APPLICATION NUMBER: US 10/078,678
14 <141> CURRENT FILING DATE: 2002-02-21
16 <150> PRIOR APPLICATION NUMBER: JP 2001-52946
17 <151> PRIOR FILING DATE: 2001-02-27
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26 <213> ORGANISM: Arabidopsis thaliana
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31 Thr Leu Met Cys Thr Ala Arg Pro Glu Pro Ala Ile Ser Ile Ser Ile
32              20                  25                  30
33 Thr Thr Ala Ala Asp Pro Cys Asn Met Glu Lys Lys Ile Glu Gly Lys
34          35                  40                  45
35 Leu Asp Asp Met His Met Val Glu Glu Asn Cys Gly Ala Asp Asp Glu
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37 Asp Cys Leu Met Arg Arg Thr Leu Val Ala His Thr Asp Tyr Ile Tyr
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39 Thr Gln Lys Lys Lys His Pro
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44 <211> LENGTH: 545
45 <212> TYPE: DNA
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51 atctccatct ctatcacgac tgctgccgat ccatgtaaca tggagaagaa gatagaagga 180
52 aaattagatg acatgcatat ggtagacgaa aactgtggtg cagacgacga agattgctta 240
53 atgaggagga ctttggtcgc tcatactgat tacatctata cccagaagaa gaagcatcct 300
54 tgattttcac ttactcattt ctaacaaact tttgctcaag attatgtaat ttatgtcatc 360
55 cttaattagt atttgtcaca tacaagatca agatagttat gattgtgatt atttatatgt 420
56 attttggatg atatattgta gaactagaag tttgacaata aaaagtttat agtgtcgttg 480
57 tatgtttaag aagtttgaca ataaaaactt tatagtgttg ttgcaaaaaa aaaaaaaaaa 540
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RAW SEQUENCE LISTING   DATE: 07/31/2002
PATENT APPLICATION: US/10/078,678   TIME: 14:54:41

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69              20                  25                  30
70 Ser Arg Glu Asn Ser Val Lys Gly Ile Glu Gly Asp Lys Val Glu Glu
71          35                  40                  45
72 Glu Ser Cys Asn Gly Ile Gly Glu Glu Glu Cys Leu Ile Arg Arg Ser
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74 Leu Leu Leu His Thr Asp Tyr Ile Tyr Thr Gln Asn His Lys Pro
75 65                  70                  75
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86 acgacaacca ccgctttgtc cagagaaaac tccgtcaagg aaattgaagg agacaaggtt 180
87 gaagaagaaa gctgcaacgg aattggagaa gaagaatgtt tgataagacg aagccttctt 240
88 cttcacaccg attacattta tactcagaat cacaagccct aagtttctgt attagagcaa 300
89 ttaattaact aattacatta tcaaacctat cactgtagta ctttctgttt tctgttcgtc 360
90 tttttgttt tgttttgttt atgttatcgc tattttaaag tttcattgtt attttgaaag 420
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VERIFICATION SUMMARY   DATE: 07/31/2002
PATENT APPLICATION: US/10/078,678   TIME: 14:54:42

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